

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	38SSD1 0 04/04/92	38SSD2 0 04/04/92	38SSD3 0 04/04/92	39SSD1 0 04/04/92	39SSD2 0 04/04/92	39SSD3 0 04/04/92	HMW-29 18 11/03/93	HMW-29 38 11/03/93
Metals												
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<53	<55	<55	<54	<43	<47 [<20]	4.39	12.6
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	<110	<110	<110	<110	<87	<93 [81]	123 J	50 J
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<2.6	<2.7	<2.7	<2.7	<2.2	<2.3 [<0.98]	<1.59 J	<1.2 J
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	--	--	--	--	--	--	<7.94	6.2
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<26	<27	<27	<27	<22	<23 [20]	4.1 J	5.86 J
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.1	<0.1	<0.09	<0.08	<0.09	<0.1 [<0.06]	<0.0274	<0.024
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<53	<55	<55	<54	<43	<47 [<20]	<3.43 J	<2.99 J
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<5.3	<5.5	<5.5	<5.4	<4.3	<4.7 [<2]	21	13
Other												
Percent Moisture	MOIST	--	--	%	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls												
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.216936	<0.189426
Pesticides/Herbicides												
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.161184	<0.140744
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.01011264	<0.00883024
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.00367632	<0.00321012
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.01104	<0.00964
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00367632	<0.00321012
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00276	<0.00241
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00552	<0.00482
Camphochlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067 [<0.067]	<0.2208	<0.1928
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.034	<0.034	<0.034	<0.034	<0.034	<0.034 [<0.034]	<0.0129168	<0.0112788
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00828	<0.00723
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.00184368	<0.00160988
Endosulfan I	959-98-8	--	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.0129168	<0.0112788
Endosulfan II	33213-65-9	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.00367632	<0.00321012
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.06072	<0.05302
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	<0.00552	<0.00482
Endrin Aldehyde	7421-93-4	--	--	mg/kg	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067	<0.0067 [<0.0067]	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00367632	<0.00321012
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.00276	<0.00241
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034	<0.0034 [<0.0034]	<0.0763416	<0.0666606
Semivolatile Organic Compounds												
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.00686 J	<0.00599
1,2-Diphenylhydrazine	1											

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2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
2-Nitroaniline	88-74-4	--	--	mg/kg	--	--	--	--	--	--	<2.19705	<1.91575
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66 [<0.66]	<0.453	<0.395
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
3-Nitroaniline	99-09-2	--	--	mg/kg	--	--	--	--	--	--	<2.19705	<1.91575
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66 [<0.66]	<0.453	<0.395
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7 [<1.7]	<2.19705	<1.91575
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Acenaphthylene	208-96-8	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7 [<1.7]	<2.19705	<1.91575
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7 [<1.7]	<2.19705	<1.91575
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Dibenzofuran	132-64-9	--	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<1.370325	<1.194875
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.00686 J	<0.00599
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<0.453	<0.395
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7 [<1.7]	<2.19705	<1.91575
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	--	--	--	--	--	--	<2.19705	<1.91575
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33 [<0.33]	<0.453	<0.395

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TPHs													
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	--	--	--	--	--	--	--	<41.10975	<35.84625
Volatile Organic Compounds													
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.00686 J	<0.00599
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.01372 J	<0.01198
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.02744 J	<0.02396
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01372 J	<0.01198
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.02744 J	<0.02396
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	--	--	--	--	--	--	--	<0.0211416	<0.0184606
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	0.0325 J	<0.02396
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2 [<0.2]	<0.00686 J	<0.00599
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1 [<0.1]	<0.01372 J	<0.01198
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	--	--	--	--	--	--	--	<0.00686 J	<0.00599
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.01372 J	<0.01198
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01372 J	<0.01198
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01372 J	<0.01198
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 [<0.01]	<0.01372 J	<0.01198
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	--	--	--	--	--	--	--	<0.00686 J	<0.00599
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.00686 J	<0.00599
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	--	--
Ethanol	64-17-5	--	--	mg/kg	<1	<1	<1	<1	<1	<1	<1 [<1]	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.00686 J	<0.00599
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Iodomethane	74-88-4	--	--	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02 [<0.02]	<0.01372 J	<0.01198
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05 [<0.05]	<0.02744 J	<0.02396
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005 [<0.005]	<0.00686 J	<0.00599
Styrene (Monomer)	100-42-5</td												

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-29 58 11/03/93	HMW-29 78 11/03/93	HMW-31 19 11/03/93	HMW-31 39 11/04/93	HMW-33 19 11/04/93	HMW-33 39 11/05/93	HMW-34 19 11/08/93	HMW-34 39 11/08/93
Metals												
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	3.57	24.4	4.11	12.5	5.97	15	6.26 J	20.8 J
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	52.1 J	204 J	112 J	99.3 J	89.5 J	87.7 J	102 J	25 J
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<1.03 J	<1.16 J	<1.19 J	<1.19	<1.22	<1.2	<1.27	<1.2
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<5.15	21.6	6	14.9 J	7.63 J	16 J	<5.5	14 J
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	5.07 J	15.7	4.23 J	7.58 J	5.21 J	15.4 J	4.97	8.13 J
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0207	<0.0233 J	<0.0238 J	<0.0231 J	<0.0245 J	<0.024 J	<0.0253	<0.241
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<2.58 J	<2.91 J	<2.98 J	<2.89 J	<3.06 J	<3 J	10.6 J	6.33 J
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<5.15	44	18.9	<5.95 J	<6.1 J	<6.02 J	7.89 J	<6.02 J
Other												
Percent Moisture	MOIST	--	--	%	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls												
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.163488 J	<0.183924	<0.187854	<0.183138	<0.193356 J	<0.190212	<0.199644	<0.190212 J
Pesticides/Herbicides												
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.121472 J	<0.136656	<0.139576	<0.136072	<0.143664 J	<0.141328	<0.148336	<0.141328 J
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00762112 J	<0.00857376	<0.00875696	<0.00853712	<0.00901344 J	<0.00886688	<0.00930656	<0.00886688 J
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00277056 J	<0.00311688	<0.00318348	<0.00310356	<0.00327672 J	<0.00322344	<0.00338328	<0.00322344 J
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00832 J	<0.00936	<0.00956	<0.00932	<0.00984 J	<0.00968	<0.01016	<0.00968 J
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00277056 J	<0.00311688	<0.00318348	<0.00310356	<0.00327672 J	<0.00322344	<0.00338328	<0.00322344 J
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00208 J	<0.00234	<0.00239	<0.00233	<0.00246 J	<0.00242	<0.00254	<0.00242 J
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00416 J	<0.00468	<0.00478	<0.00466	<0.00492 J	<0.00484	<0.00508	<0.00484 J
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1664 J	<0.1872	<0.1912	<0.1864	<0.1968 J	<0.1936	<0.2032	<0.1936 J
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0097344 J	<0.0109512	<0.0111852	<0.0109044	<0.0115128 J	<0.0113256	<0.0118872	<0.0113256 J
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00624 J	<0.00702	<0.00717	<0.00699	<0.00738 J	<0.00726	<0.00762	<0.00726 J
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00138944 J	<0.00156312	<0.00159652	<0.00155644	<0.00164328 J	<0.00161656	<0.00169672	<0.00161656 J
Endosulfan I	959-98-8	--	--	mg/kg	<0.0097344 J	<0.0109512	<0.0111852	<0.0109044	<0.0115128 J	<0.0113256	<0.0118872	<0.0113256 J
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00277056 J	<0.00311688	<0.00318348	<0.00310356	<0.00327672 J	<0.00322344	<0.00338328	<0.00322344 J
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.04576 J	<0.05148	<0.05258	<0.05126	<0.05412 J	<0.05324	<0.05588	<0.05324 J
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00416 J	<0.00468	<0.00478	<0.00466	<0.00492 J	<0.00484	<0.00508	<0.00484 J
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00277056 J	<0.00311688	<0.00318348	<0.00310356	<0.00327672 J	<0.00322344	<0.00338328	<0.00322344 J
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00208 J	<0.00234	<0.00239	<0.00233	<0.00246 J	<0.00242	<0.00254	<0.00242 J
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0575328 J	<0.0647244	<0.0661074	<0.0644478	<0.0680436 J	<0.0669372	<0.0702564	<0.0669372 J
Semivolatile Organic Compounds												
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	R	<0.385	<0.393	<0.382	<			

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

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2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
2-Nitroaniline	88-74-4	--	--	mg/kg	R	<1.86725	<1.90605	<1.8527	<1.9594	<1.92545	<2.02245	<1.92545
2-Nitrophenol	88-75-5	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
3-Nitroaniline	99-09-2	--	--	mg/kg	R	<1.86725	<1.90605	<1.8527	<1.9594	<1.92545	<2.02245	<1.92545
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
4-Nitrophenol	100-02-7	--	--	mg/kg	R	<1.86725	<1.90605	<1.8527	<1.9594	<1.92545	<2.02245	<1.92545
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Acenaphthylene	208-96-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	R	<1.86725	<1.90605	<1.8527	<1.9594	<1.92545	<2.02245	<1.92545
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	R	<1.86725	<1.90605	<1.8527	<1.9594	<1.92545	<2.02245	<1.92545
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Bis(2-Chloroisopropyl) Ether	39638-32-9	--	0.0256	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Dibenzofuran	132-64-9	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	R	<1.164625	<1.188825	<1.15555	<1.2221	<1.200925	<1.261425	<1.200925
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.417	<0.397
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	R	<0.385	<0.393	<0.382	<0.404	<0.397	<0.41	

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-29 58 11/03/93	HMW-29 78 11/03/93	HMW-31 19 11/03/93	HMW-31 39 11/04/93	HMW-33 19 11/04/93	HMW-33 39 11/05/93	HMW-34 19 11/08/93	HMW-34 39 11/08/93
TPHs												
Total Petroleum Hydrocarbons	1PH	--	--	mg/kg	<30.94575	<34.93875	<35.66475	<34.6665	<36.663	<36.02775	<37.84275	<36.02775
Volatile Organic Compounds												
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02068 J	<0.02332	<0.0238	<0.02316 J	<0.02452 J	<0.02404	<0.02528	<0.02408
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02068 J	<0.02332	<0.0238	<0.02316 J	<0.02452 J	<0.02404	<0.02528	<0.02408
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0159328 J	<0.0179244	<0.0183074	<0.0178478	<0.0188436 J	<0.0185372	<0.0194564	<0.0185372 J
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02068 J	<0.02332	<0.0238	0.0202 J	<0.02452 J	0.108	<0.02528	<0.02408
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	--
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Iodomethane	74-88-4	--	--	mg/kg	<0.01034 J	<0.01166	<0.0119	<0.01158 J	<0.01226 J	<0.01202	<0.01264	<0.01204
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02068 J	<0.02332	<0.0238	<0.02316 J	<0.02452 J	<0.02404	<0.02528	<0.02408
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00517 J	<0.00583	<0.00595	<0.00579 J	<0.00613 J	<0.00601	<0.00632	<0.00602
Styrene (Monomer)												

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-34 59 11/08/93	HMW-34 79 11/08/93	HMW-35 19 11/15/93	HMW-35 39 11/15/93	HMW-35 59 11/15/93	HMW-35 79 11/15/93	HMW-32 59 11/17/93	HMW-32 79 11/17/93
Metals												
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	6.75 J	5.5 J	8.11	35.8	3.06	2.87	28.2	14.3
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	94 J	37.2 J	98.6	78.4	78.4	65.4	154	116
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<1.04	<1.14	<1.19	<1.1	<1.01	<1.12	<1.28	<1.19
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	5.5 J	<5.68 J	7.12	14.4	<5.05	<5.62	29.4	22.6
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	8.95 J	6.63 J	3.84	4.36	4.03	7.32	25.2	15
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0208	<0.0228	<0.238	<0.0221	<0.0201	<0.0225	<0.0255	<0.0238
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	4.4 J	4.49 J	<2.97	3.04	<2.51	<2.82	<3.19	<2.98
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<5.21 J	<5.68 J	9.66	8.07	<5.05	<5.62	<6.41	17.9
Other												
Percent Moisture	MOIST	--	--	%	--	--	--	--	--	--	--	--
Polychlorinated Biphenyls												
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.164274	<0.179994 J	<0.187854	<0.174492	<0.158772	<0.178422	<0.202002 J	<0.18864
Pesticides/Herbicides												
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.122056	<0.133736 J	<0.139576	<0.129648	<0.117968	<0.132568	<0.150088 J	<0.14016
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00765776	<0.00839056 J	<0.00875696	<0.00813408	<0.00740128	<0.00831728	<0.00941648 J	<0.0087936
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00278388	<0.00305028 J	<0.00318348	<0.00295704	<0.00269064	<0.00302364	<0.00342324 J	<0.0031968
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00836	<0.00916 J	<0.00956	<0.00888	<0.00808	<0.00908	<0.01028 J	<0.0096
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00278388	<0.00305028 J	<0.00318348	<0.00295704	<0.00269064 J	<0.00302364	<0.00342324 J	<0.0031968
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00209	<0.00229 J	<0.00239	<0.00222	<0.00202	<0.00227	<0.00257 J	<0.0024
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00418	<0.00458 J	<0.00478	<0.00444	<0.00404	<0.00454	<0.00514 J	<0.0048
Camphchlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1672	<0.1832 J	<0.1912	<0.1776	<0.1616	<0.1816	<0.2056 J	<0.192
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0097812	<0.0107172 J	<0.0111852	<0.0103896	<0.0094536	<0.0106236	<0.0120276 J	<0.011232
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00627	<0.00687 J	<0.00717	<0.00666	<0.00606	<0.00681	<0.00771 J	<0.0072
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00139612	<0.00152972 J	<0.00159652	<0.00148296	<0.00134936	<0.00151636	<0.00171676 J	<0.0016032
Endosulfan I	959-98-8	--	--	mg/kg	<0.0097812	<0.0107172 J	<0.0111852	<0.0103896	<0.0094536	<0.0106236	<0.0120276 J	<0.011232
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00278388	<0.00305028 J	<0.00318348	<0.00295704	<0.00269064	<0.00302364	<0.00342324 J	<0.0031968
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.04598	<0.05038 J	<0.05258	<0.04884	<0.04444	<0.04994	<0.05654 J	<0.0528
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00418	<0.00458 J	<0.00478	<0.00444	<0.00404	<0.00454	<0.00514 J	<0.0048
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00278388	<0.00305028 J	<0.00318348	<0.00295704	<0.00269064	<0.00302364	<0.00342324 J	<0.0031968
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00209	<0.00229 J	<0.00239	<0.00222	<0.00202	<0.00227	<0.00257 J	<0.0024
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0578094	<0.0633414 J	<0.0661074	<0.0614052	<0.0558732	<0.0627882	<0.0710862 J	<0.066384
Semivolatile Organic Compounds												
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
1,2-Dichlorobenzene												

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-34 59 11/08/93	HMW-34 79 11/08/93	HMW-35 19 11/15/93	HMW-35 39 11/15/93	HMW-35 59 11/15/93	HMW-35 79 11/15/93	HMW-32 59 11/17/93	HMW-32 79 11/17/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
2-Nitroaniline	88-74-4	--	--	mg/kg	R	<1.82845	<1.9012	<1.77025	<1.6102	<1.8042	<2.04185	<1.90605
2-Nitrophenol	88-75-5	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
3-Nitroaniline	99-09-2	--	--	mg/kg	R	<1.82845	<1.9012	<1.77025	<1.6102	<1.8042	<2.04185	<1.90605
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
4-Nitrophenol	100-02-7	--	--	mg/kg	R	<1.82845	<1.9012	<1.77025	<1.6102	<1.8042	<2.04185	<1.90605
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Acenaphthylene	208-96-8	--	--	mg/kg	--	--	--	--	--	--	--	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	R	<1.82845	<1.9012	<1.77025	<1.6102	<1.8042	<2.04185	<1.90605
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	R	<1.82845	<1.9012	<1.77025	<1.6102	<1.8042	<2.04185	<1.90605
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Dibenzofuran	132-64-9	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	R	<1.140425	<1.1858	<1.104125	<1.0043	<1.1253	<1.273525	<1.188825
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.332	<0.00564	<0.00638	<0.00596
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.393
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	R	<0.377	<0.392	<0.365	<0.332	<0.372	<0.421	<0.39

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-34 59 11/08/93	HMW-34 79 11/08/93	HMW-35 19 11/15/93	HMW-35 39 11/15/93	HMW-35 59 11/15/93	HMW-35 79 11/15/93	HMW-32 59 11/17/93	HMW-32 79 11/17/93	
TPHs													
Total Petroleum Hydrocarbons		TPH	--	--	mg/kg	<31.218	<34.21275	<35.574	<33.12375	<30.129	<33.759	<38.20575	<35.66475
Volatile Organic Compounds													
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02084 J	<0.02284	<0.02376	<0.02208	<0.02008	<0.02256	<0.02552	<0.02384	
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02084 J	<0.02284	<0.02376	<0.02208	<0.02008	<0.02256	<0.02552	<0.02384	
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0160094	<0.0175414 J	<0.0183074	<0.0170052	<0.0154732	<0.0173882	<0.0196862 J	<0.018384	
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02084 J	<0.02284	<0.02376	<0.02208	<0.02008	<0.02256	<0.02552	<0.02384	
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.0104 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--	--	--	
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	0.0067 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	--	--	--	--	--	--	--	--	
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--	--	--	
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Iodomethane	74-88-4	--	--	mg/kg	<0.01042 J	<0.01142	<0.01188	<0.01104	<0.01004	<0.01128	<0.01276	<0.01192	
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02084 J	<0.02284	<0.02376	<0.02208	<0.02008	<0.02256	<0.02552	<0.02384	
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00521 J	<0.00571	<0.00594	<0.00552	<0.00502	<0.00564	<0.00638	<0.00596	
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.005								

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-30 98 11/20/93	WMU 38-39 SB-4 12/01/93	SWMU 38-39 SB-01 8 12/01/93	SWMU 38-39 SB-01 14 12/01/93	SWMU 38-39 SB-01 19 12/01/93	SWMU 38-39 SB-02 6 12/01/93
Metals										
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	3.2	<3	<3.03	<3.24	<3.19	<3.01
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	193	51.7	56.9	57.1	148	44.6
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<1.15	<6.01	<6.05	<6.48	<6.38	<6.02
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	10.9	<30	<30.3	<32.4	<31.9	<30.1
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	10.1	3.58	<3.03	<3.24	4.44	<3.01
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	0.0276	<0.024	<0.0242	<0.0259	<0.0255	<0.0241
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<2.87	<3	<3.03	<3.24	<3.19	<3.01
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<5.75	<30	<30.3	<32.4	<31.9	<30.1
Other										
Percent Moisture	MOIST	--	--	%	--	--	--	--	--	--
Polychlorinated Biphenyls										
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.181566 J	<0.190212	<0.190998	<0.205146	<0.201216	<0.190212
Pesticides/Herbicides										
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.134904 J	<0.141328	<0.141912	<0.152424	<0.149504	<0.141328
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.0846384 J	<0.00886688	<0.00890352	<0.00956304	<0.00937984	<0.0086688
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.0307692 J	<0.00322344	<0.00323676	<0.00347652	<0.00340992	<0.00322344
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00924 J	<0.00968	<0.00972	<0.01044	<0.01024	<0.00968
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.0307692 J	<0.00322344	<0.00323676	<0.00347652	<0.00340992	<0.00322344
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00231 J	<0.00242	<0.00243	<0.00261	<0.00256	<0.00242
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00462 J	<0.00484	<0.00486	<0.00522	<0.00512	<0.00484
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1848 J	<0.1936	<0.1944	<0.2088	<0.2048	<0.1936
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0108108 J	<0.0113256	<0.0113724	<0.0122148	<0.0119808	<0.0113256
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00693 J	<0.00726	<0.00729	<0.00783	<0.00768	<0.00726
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00154308 J	<0.00161656	<0.00162324	<0.00174348	<0.00171008	<0.00161656
Endosulfan I	959-98-8	--	--	mg/kg	<0.0108108 J	<0.0113256	<0.0113724	<0.0122148	<0.0119808	<0.0113256
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00307692 J	<0.00322344	<0.00323676	<0.00347652	<0.00340992	<0.00322344
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.05082 J	<0.05324	<0.05346	<0.05742	<0.05632	<0.05324
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00462 J	<0.00484	<0.00486	<0.00522	<0.00512	<0.00484
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00307692 J	<0.00322344	<0.00323676	<0.00347652	<0.00340992	<0.00322344
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00231 J	<0.00242	<0.00243	<0.00261	<0.00256	<0.00242
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0638946 J	<0.0669372	<0.0672138	<0.0721926	<0.0708096	<0.0669372
Semivolatile Organic Compounds										
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.379</					

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-30 98 11/20/93	WMU 38-39 SB-4 12/01/93	SWMU 38-39 SB-01 8 12/01/93	SWMU 38-39 SB-01 14 12/01/93	SWMU 38-39 SB-01 19 12/01/93	SWMU 38-39 SB-02 6 12/01/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Acenaphthylene	208-96-8	--	--	mg/kg	--	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Dibenzofuran	132-64-9	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.146475	<1.200925	<1.21	<1.2947	<1.273525	<1.20395 [<1.21]
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.399]
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421	<0.398 [<0.00604]
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.83815	<1.92545	<1.94	<2.0758	<2.04185	<1.9303 [<1.93]
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.379	<0.397	<0.4	<0.428	<0.421</	

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	HMW-30 98 11/20/93	WMU 38-39 SB-4 12/01/93	SWMU 38-39 SB-01 8 12/01/93	SWMU 38-39 SB-01 14 12/01/93	SWMU 38-39 SB-01 19 12/01/93	SWMU 38-39 SB-02 6 12/01/93
TPHs										
Total Petroleum Hydrocarbons		TPH	--	--	mg/kg	<34.39425	<36.02775	<36.3	<38.841	<38.20575
Volatile Organic Compounds										
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.023	<0.02404	<0.0242	<0.02592	<0.02552	<0.02408 [<0.0242]
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.023	<0.02404	<0.0242	<0.02592	<0.02552	<0.02408 [<0.0242]
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0176946 J	<0.0185372	<0.0186138	<0.0199926	<0.0196096	<0.0185372
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.023	<0.02404	<0.0242	<0.02592	<0.02552	<0.02408 [<0.0242]
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.00604]
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	--	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Iodomethane	74-88-4	--	--	mg/kg	<0.0115	<0.01202	<0.0121	<0.01296	<0.01276	<0.01204 [<0.0121]
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.023	<0.02404	<0.0242	<0.02592	<0.02552	<0.02408 [<0.0242]
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602 [<0.00604]
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00575	<0.00601	<0.00605	<0.00648	<0.00638	<0.00602
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00575	<0.00601	<0.00605	<0.		

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-02 9 12/01/93	SWMU 38-39 SB-02 14 12/01/93	SWMU 38-39 SB-02 19 12/01/93	SWMU 38-39 SB-03 4 12/01/93	SWMU 38-39 SB-03 8 12/01/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	17.3	13.4	17.5	13.3	13.4
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	75.3	88.6	164	56.8	144
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.17	<6.33	<6.2	<6.09	<5.97
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.9	<31.6	<31	<30.4	<29.9
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<3.09	<3.16	4.65	<3.04	3.24
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0247	<0.0253	<0.0248	<0.0244	<0.0239
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	4.51	<3.16	7.46	5.97	5.15
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<30.9	<31.6	<31	<30.4	<29.9
Other									
Percent Moisture	MOIST	--	--	%	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.194928	<0.199644	<0.195714	<0.19257	<0.18864
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.144832	<0.148336	<0.145416	<0.14308	<0.14016
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00908672	<0.00930656	<0.00912336	<0.0089768	<0.0087936
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00330336	<0.00338328	<0.00331668	<0.0032634	<0.0031968
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00992	<0.01016	<0.00996	<0.0098	<0.0096
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00330336	<0.00338328	<0.00331668	<0.0032634	<0.0031968
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00248	<0.00254	<0.00249	<0.00245	<0.0024
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00496	<0.00508	<0.00498	<0.0049	<0.0048
Camphochlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1984	<0.2032	<0.1992	<0.196	<0.192
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0116064	<0.0118872	<0.0116532	<0.011466	<0.011232
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00744	<0.00762	<0.00747	<0.00735	<0.0072
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00165664	<0.00169672	<0.00166332	<0.0016366	<0.0016032
Endosulfan I	959-98-8	--	--	mg/kg	<0.0116064	<0.0118872	<0.0116532	<0.011466	<0.011232
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00330336	<0.00338328	<0.00331668	<0.0032634	<0.0031968
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.05456	<0.05588	<0.05478	<0.0539	<0.0528
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00496	<0.00508	<0.00498	<0.0049	<0.0048
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00330336	<0.00338328	<0.00331668	<0.0032634	<0.0031968
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00248	<0.00254	<0.00249	<0.00245	<0.0024
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0685968	<0.0702564	<0.0688734	<0.067767	<0.066384
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.407	<0.418	<0.409	<0.402	

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-02 9 12/01/93	SWMU 38-39 SB-02 14 12/01/93	SWMU 38-39 SB-02 19 12/01/93	SWMU 38-39 SB-03 4 12/01/93	SWMU 38-39 SB-03 8 12/01/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Acenaphthylene	208-96-8	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Dibenzofuran	132-64-9	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.231175	<1.26445	<1.237225	<1.21605	<1.19185 [<1.19]
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.00597]
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.97395	<2.0273	<1.98365	<1.9497	<1.9109 [<1.91]
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.407	<0.418	<0.409	<0.402	<0.394 [<0.394]

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-02 9 12/01/93	SWMU 38-39 SB-02 14 12/01/93	SWMU 38-39 SB-02 19 12/01/93	SWMU 38-39 SB-03 4 12/01/93	SWMU 38-39 SB-03 8 12/01/93
TPHs									
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.93525	<37.9335	<37.11675	<36.4815	<35.7555
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02468	<0.02532	<0.0248 J	<0.02436	<0.02388 [<0.0239]
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02468	<0.02532	<0.0248 J	<0.02436	<0.02388 [<0.0239]
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0189968	<0.0194564	<0.0190734	<0.018767	<0.018384
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02468	<0.02532	<0.0248 J	0.0342	<0.02388 [<0.0239]
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.00597]
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00617	<0.00633	<0.0062	<0.00609	<0.00597 [<0.00597]
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Iodomethane	74-88-4	--	--	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02468	<0.02532	<0.0248 J	<0.02436	<0.02388 [<0.0239]
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02468	<0.02532	<0.0248 J	<0.02436	<0.02388 [<0.0239]
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01234	<0.01266	<0.0124 J	<0.01218	<0.01194 [<0.0119]
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00617	<0.00633	<0.0062 J	<0.00609	<0.00597 [<0.00597]

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-03 20 12/01/93	SWMU 38-39 SB-03 27 12/01/93	SWMU 38-39 SB-04 4 12/01/93	SWMU 38-39 SB-04 12 12/01/93	SWMU 38-39 SB-04 15 12/01/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	14	12	11.6	11.2	13
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	131	33.3	64.7	<30	139
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.14	<6.17	<5.99	<6.01	<6.54
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.7	<30.9	<29.9	<30	<32.7
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	3.83	<3.09	4.87	<3	<3.27
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0246	<0.0247	<0.024	<0.024	<0.0262
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	7	4.33	6.8	8.46	<3.27
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<30.7	<30.9	<29.9	<30	<32.7
Other									
Percent Moisture	MOIST	--	--	%	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.194142	<0.194928 J	<0.189426	<0.190212	<0.206718
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.144248	<0.144832 J	<0.140744	<0.141328	<0.153592
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00905008	<0.00908672 J	<0.00883024	<0.00886688	<0.00963632
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00329004	<0.00330336 J	<0.00321012	<0.00322344	<0.00350316
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00988	<0.00992 J	<0.00964	<0.00968	<0.01052
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00329004	<0.00330336 J	<0.00321012	<0.00322344	<0.00350316
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00247	<0.00248 J	<0.00241	<0.00242	<0.00263
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00494	<0.00496 J	<0.00482	<0.00484	<0.00526
Camphchlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1976	<0.1984 J	<0.1928	<0.1936	<0.2104
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0115596	<0.0116064 J	<0.0112788	<0.0113256	<0.0123084
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00741	<0.00744 J	<0.00723	<0.00726	<0.00789
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00164996	<0.00165664 J	<0.00160988	<0.00161656	<0.00175684
Endosulfan I	959-98-8	--	--	mg/kg	<0.0115596	<0.0116064 J	<0.0112788	<0.0113256	<0.0123084
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00329004	<0.00330336 J	<0.00321012	<0.00322344	<0.00350316
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.05434	<0.05456 J	<0.05302	<0.05324	<0.05786
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00494	<0.00496 J	<0.00482	<0.00484	<0.00526
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00329004	<0.00330336 J	<0.00321012	<0.00322344	<0.00350316
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00247	<0.00248 J	<0.00241	<0.00242	<0.00263
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0683202	<0.0685968 J	<0.0666606	<0.0669372	<0.0727458
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00614	<0.407	<0.00599	<0.00601 [<0.00603]	<0.00654
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00614	<0.407	<0.00599	<0.00601 [<0.00603]	<0.00654
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.405	&			

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2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Acenaphthylene	208-96-8	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.405	<0.407	0.438	<0.397 [<0.398]	<0.432
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Dibenzofuran	132-64-9	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.225125	<1.231175	<1.194875	<1.200925 [<1.21]	<1.3068
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00614	<0.407	<0.00599	<0.00601 [<0.00603]	<0.00654
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.00603]	<0.432
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.96425	<1.97395	<1.91575	<1.92545 [<1.93]	<2.0952
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.405	<0.407	<0.395	<0.397 [<0.398]	<0.432

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-03 20 12/01/93	SWMU 38-39 SB-03 27 12/01/93	SWMU 38-39 SB-04 4 12/01/93	SWMU 38-39 SB-04 12 12/01/93	SWMU 38-39 SB-04 15 12/01/93
TPHs									
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.75375	<36.93525	999	43.3 J	<39.204
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601	<0.00654
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02456	<0.0247	<0.02396	<0.02404 [<0.0241]	<0.02616
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02456	<0.0247	<0.02396	<0.02404 [<0.0241]	<0.02616
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0189202	<0.0189968 J	<0.0184606	<0.0185372	<0.0201458
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02456	<0.0247	<0.02396	<0.02404 [<0.0241]	<0.02616
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01228	<0.00617	<0.01198	<0.01202 [<0.00603]	<0.01308
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Iodomethane	74-88-4	--	--	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02456	<0.0247	<0.02396	<0.02404 [<0.0241]	<0.02616
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00614	--	<0.00599	<0.00601	<0.00654
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02456	<0.0247	<0.02396	<0.02404 [<0.0241]	<0.02616
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01228	<0.0123	<0.01198	<0.01202 [<0.0121]	<0.01308
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00614	<0.00617	<0.00599	<0.00601 [<0.00603]	<0.00654

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-04 19 12/01/93	SWMU 38-39 SB-05 4 12/02/93	SWMU 38-39 SB-05 8 12/02/93	SWMU 38-39 SB-05 14 12/02/93	SWMU 38-39 SB-05 19 12/02/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	7.69	17.5	12.7	11.1	6.19
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	151	<30.8	56.4	50	89
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.04	<6.16	<6.55	<6.25	<6.45
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.2	<30.8	<32.8	<31.2	<32.2
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	3.09	<3.08	<3.28	<3.12	<3.22
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0242	<0.0246	<0.0262	<0.025	<0.0258
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.02	<3.08	<3.28	6.59	<3.22
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<30.2	<30.8	<32.8	<31.2	<32.2
Other									
Percent Moisture	MOIST	--	--	%	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.190998	<0.194928	<0.206718	<0.197286	<0.203574
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.141912	<0.144832	<0.153592	<0.146584	<0.151256
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00890352	<0.00908672	<0.00963632	<0.00919664	<0.00948976
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00323676	<0.00330336	<0.00350316	<0.00344988	
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00972	<0.00992	<0.01052	<0.01004	<0.01036
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00323676	<0.00330336	<0.00350316	<0.00344988	
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00243	<0.00248	<0.00263	<0.00251	<0.00259
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00486	<0.00496	<0.00526	<0.00502	<0.00518
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1944	<0.1984	<0.2104	<0.2008	<0.2072
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0113724	<0.0116064	<0.0123084	<0.0117468	<0.0121212
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00729	<0.00744	<0.00789	<0.00753	<0.00777
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00162324	<0.00165664	<0.00175684	<0.00167668	<0.00173012
Endosulfan I	959-98-8	--	--	mg/kg	<0.0113724	<0.0116064	<0.0123084	<0.0117468	<0.0121212
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00323676	<0.00330336	<0.00350316	<0.00344988	
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.05346	<0.05456	<0.05786	<0.05522	<0.05698
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00486	<0.00496	<0.00526	<0.00502	<0.00518
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00323676	<0.00330336	<0.00350316	<0.00344988	
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00243	<0.00248	<0.00263	<0.00251	<0.00259
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0672138	<0.0685968	<0.0727458	<0.0694266	<0.0716394
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2-Methyl-4									

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-04 19 12/01/93	SWMU 38-39 SB-05 4 12/02/93	SWMU 38-39 SB-05 8 12/02/93	SWMU 38-39 SB-05 14 12/02/93	SWMU 38-39 SB-05 19 12/02/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Acenaphthylene	208-96-8	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Dibenzofuran	132-64-9	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.20395	<1.22815	<1.3068 [<1.3]	<1.2463	<1.28865
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.398	<0.406	<0.432 [<0.00651]	<0.412	<0.426
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.9303	<1.9691	<2.0952 [<2.08]	<1.9982	<2.0661
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.398	<0.406	<0.432 [<0.43]	<0.412	<0.426

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-04 19 12/01/93	SWMU 38-39 SB-05 4 12/02/93	SWMU 38-39 SB-05 8 12/02/93	SWMU 38-39 SB-05 14 12/02/93	SWMU 38-39 SB-05 19 12/02/93
TPHs									
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.1185	<36.8445	<39.204	40	<38.6595
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02416	<0.02464	<0.0262 [<0.026]	<0.025	<0.0258
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02416	<0.02464	<0.0262 [<0.026]	<0.025	<0.0258
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0186138	<0.0189968	<0.0201458	<0.0192266	<0.0198394
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02416	<0.02464	<0.0262 [<0.026]	<0.025	<0.0258
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.0000819	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01208	<0.01232	<0.0131 [<0.00651]	<0.0125	<0.0129
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Iodomethane	74-88-4	--	--	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02416	<0.02464	<0.0262 [<0.026]	<0.025	<0.0258
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00604	<0.00616	<0.00655	<0.00625	<0.00645
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02416	<0.02464	<0.0262 [<0.026]	<0.025	<0.0258
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01208	<0.01232	<0.0131 [<0.013]	<0.0125	<0.0129
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00604	<0.00616	<0.00655 [<0.00651]	<0.00625	<0.00645

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-06 4 12/02/93	SWMU 38-39 SB-06 9 12/02/93	SWMU 38-39 SB-06 14 12/02/93	SWMU 38-39 SB-06 19 12/02/93	SWMU 38-39 SB-07 4 12/02/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	14	9.5	10	10.2	9.29
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	<30.9	42.4	<32.7	104	<30.2
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.17	<6.42	<6.54	<6.38	<6.03
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.9	<32.1	<32.7	<31.9	<30.2
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<3.09	<3.21	<3.27	3.28	<3.02
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	<0.0247	<0.0257	<0.0267	<0.0255	<0.0241
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	11.4	5.39	<3.27	<3.19	<3.02
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	<30.9	<32.1	<32.7	<31.9	<30.2
Other									
Percent Moisture	MOIST	--	--	%	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.194928	<0.202788	<0.206718	<0.202002	<0.190212
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.144832	<0.150672	<0.153592	<0.150088	<0.141328
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00908672	<0.00945312	<0.00963632	<0.00941648	<0.00886688
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00330336	<0.00343656	<0.00350316	<0.00342324	<0.00322344
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.00992	<0.01032	<0.01052	<0.01028	<0.00968
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00330336	<0.00343656	<0.00350316	<0.00342324	<0.00322344
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.00248	<0.00258	<0.00263	<0.00257	<0.00242
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.00496	<0.00516	<0.00526	<0.00514	<0.00484
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.1984	<0.2064	<0.2104	<0.2056	<0.1936
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0116064	<0.0120744	<0.0123084	<0.0120276	<0.0113256
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.00744	<0.00774	<0.00789	<0.00771	<0.00726
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00165664	<0.00172344	<0.00175684	<0.00171676	<0.00161656
Endosulfan I	959-98-8	--	--	mg/kg	<0.0116064	<0.0120744	<0.0123084	<0.0120276	<0.0113256
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00330336	<0.00343656	<0.00350316	<0.00342324	<0.00322344
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.05456	<0.05676	<0.05786	<0.05654	<0.05324
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.00496	<0.00516	<0.00526	<0.00514	<0.00484
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00330336	<0.00343656	<0.00350316	<0.00342324	<0.00322344
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.00248	<0.00258	<0.00263	<0.00257	<0.00242
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.0685968	<0.0713628	<0.0727458	<0.0710862	<0.0669372
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}							

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-06 4 12/02/93	SWMU 38-39 SB-06 9 12/02/93	SWMU 38-39 SB-06 14 12/02/93	SWMU 38-39 SB-06 19 12/02/93	SWMU 38-39 SB-07 4 12/02/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Acenaphthylene	208-96-8	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Dibenzo furan	132-64-9	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.231175	<1.2826	<1.3068	<1.273525	<1.20395
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.97395	<2.0564	<2.0952	<2.04185	<1.9303
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.407	<0.424	<0.432	<0.421	<0.398

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-06 4 12/02/93	SWMU 38-39 SB-06 9 12/02/93	SWMU 38-39 SB-06 14 12/02/93	SWMU 38-39 SB-06 19 12/02/93	SWMU 38-39 SB-07 4 12/02/93
TPHs									
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.93525	<38.478	<39.204	<38.20575	<36.1185
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02468	<0.02568	<0.02616	<0.02552	<0.02412
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02468	<0.02568	<0.02616	<0.02552	<0.02412
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.0189968	<0.0197628	<0.0201458	<0.0196862	<0.0185372
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02468	<0.02568	<0.02616	<0.02552	<0.02412
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Dichlormethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Iodomethane	74-88-4	--	--	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02468	<0.02568	<0.02616	<0.02552	<0.02412
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02468	<0.02568	<0.02616	<0.02552	<0.02412
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01234	<0.01284	<0.01308	<0.01276	<0.01206
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00617	<0.00642	<0.00654	<0.00638	<0.00603

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-07 9 12/02/93	SWMU 38-39 SB-07 14 12/02/93	SWMU 38-39 SB-07 19 12/02/93	SWMU 38-39 SB-08 3 12/02/93	SWMU 38-39 SB-08 4 12/02/93
Metals									
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	--	11.6	7.55	--	<2.88
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	--	65.6	110	--	75.8
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	--	<6.28	<6.37	--	<5.77
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	--	<31.4	<31.8	--	<28.8
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	--	<3.14	3.07	--	7.75
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	--	<0.0251	<0.0255	--	0.0265
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	--	<3.14	<3.18	--	<2.88
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	--	<31.4	<31.8	--	32.9
Other									
Percent Moisture	MOIST	--	--	%	--	--	--	--	--
Polychlorinated Biphenyls									
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	<0.1965	<0.198072	<0.201216	<0.190998	<0.182352
Pesticides/Herbicides									
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	<0.146	<0.147168	<0.149504	<0.141912	<0.135488
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	<0.00916	<0.00923328	<0.00937984	<0.00890352	<0.00850048
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	<0.00333	<0.00335664	<0.00340992	<0.00323676	<0.00309024
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	<0.01	<0.01008	<0.01024	<0.00972	<0.00928
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	<0.00333	<0.00335664	<0.00340992	<0.00323676	<0.00309024
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	<0.0025	<0.00252	<0.00256	<0.00243	<0.00232
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	<0.005	<0.00504	<0.00512	<0.00486	<0.00464
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	<0.2	<0.2016	<0.2048	<0.1944	<0.1856
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	<0.0117	<0.0117936	<0.0119808	<0.0113724	<0.0108576
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	<0.0075	<0.00756	<0.00768	<0.00729	<0.00696
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	<0.00167	<0.00168336	<0.00171008	<0.00162324	<0.00154976
Endosulfan I	959-98-8	--	--	mg/kg	<0.0117	<0.0117936	<0.0119808	<0.0113724	<0.0108576
Endosulfan II	33213-65-9	--	--	mg/kg	<0.00333	<0.00335664	<0.00340992	<0.00323676	<0.00309024
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	<0.055	<0.05544	<0.05632	<0.05346	<0.05104
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	<0.005	<0.00504	<0.00512	<0.00486	<0.00464
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	<0.00333	<0.00335664	<0.00340992	<0.00323676	<0.00309024
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	<0.0025	<0.00252	<0.00256	<0.00243	<0.00232
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	<0.06915	<0.0697032	<0.0708096	<0.0672138	<0.0641712
Semivolatile Organic Compounds									
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.41	<0.414	<0.42	--	<0.381
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.41	<0.414	<0.42	--	<0.381
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785

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SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-07 9 12/02/93	SWMU 38-39 SB-07 14 12/02/93	SWMU 38-39 SB-07 19 12/02/93	SWMU 38-39 SB-08 3 12/02/93	SWMU 38-39 SB-08 4 12/02/93
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.41	<0.414	<0.42	--	<0.381
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.41	<0.414	<0.42	--	<0.381
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Acenaphthylene	208-96-8	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.41	0.465	<0.42	--	<0.381
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Dibenzo furan	132-64-9	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.24025	<1.25235	<1.2705	--	<1.152525
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.41	<0.414	<0.42	--	<0.381
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.41	<0.414	<0.42	--	<0.381
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.41	<0.414	<0.42	--	<0.381
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.41	<0.414	<0.42	--	<0.381
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.41	<0.414	<0.42	--	<0.381
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.9885	<2.0079	<2.037	--	<1.84785
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.41	<0.414	<0.42	--	<0.381

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-07 9 12/02/93	SWMU 38-39 SB-07 14 12/02/93	SWMU 38-39 SB-07 19 12/02/93	SWMU 38-39 SB-08 3 12/02/93	SWMU 38-39 SB-08 4 12/02/93
TPHs									
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<37.2075	<37.5705	<38.115	--	98
Volatile Organic Compounds									
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02484	<0.02512	<0.02548	--	<0.02308
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
4-Methyl-2-Pentanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02484	<0.02512	<0.02548	--	<0.02308
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	<0.01915	<0.0193032	<0.0196096	<0.0186138	<0.017712
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02484	0.0681 J	<0.02548	--	<0.02308
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Iodomethane	74-88-4	--	--	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02484	<0.02512	<0.02548	--	<0.02308
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02484	<0.02512	<0.02548	--	<0.02308
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01242	<0.01256	<0.01274	--	<0.01154
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00621	<0.00628	<0.00637	--	<0.00577

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-08 9 12/02/93	SWMU 38-39 SB-08 14 12/02/93	SWMU 38-39 SB-08 19 12/02/93	3839HA01 0 01/07/94
Metals								
Arsenic	7440-38-2	3.9 {NMED ResSoil09}	0.131	mg/kg	<3.02	<3.14	<3.08	2.8
Barium	7440-39-3	15,600 {NMED ResSoil09}	3,010	mg/kg	57.1	59.5	134	194
Cadmium	7440-43-9	77.9 {NMED ResSoil09}	13.7	mg/kg	<6.04	<6.27	<6.16	5.81
Chromium	7440-47-3	219 {NMED ResSoil09}	--	mg/kg	<30.2	<31.4	<30.8	<26.4
Lead	7439-92-1	400 {NMED ResSoil09}	--	mg/kg	<3.02	<3.14	<3.08	14.9
Mercury	7439-97-6	7.71 {NMED ResSoil09}	0.293	mg/kg	0.0278	0.0288	<0.0247	0.0528 J
Selenium	7782-49-2	391 {NMED ResSoil09}	9.65	mg/kg	<3.02	<3.14	<3.08	<2.64
Silver	7440-22-4	391 {NMED ResSoil09}	15.7	mg/kg	38.6	33.1	47.5	<26.4 J
Other								
Percent Moisture	MOIST	--	--	%	--	--	--	5.4
Polychlorinated Biphenyls								
Aroclor 1221	11104-28-2	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	<0.198072	<0.194928	--
Aroclor 1232	11141-16-5	1.76 {NMED ResSoil09}	0.0107	mg/kg	--	<0.198072	<0.194928	--
Aroclor 1242	53469-21-9	2.22 {NMED ResSoil09}	0.226	mg/kg	--	<0.198072	<0.194928	--
Aroclor 1254	11097-69-1	1.12 {NMED ResSoil09}	0.382	mg/kg	--	<0.198072	<0.194928	--
Aroclor 1260	11096-82-5	2.22 {NMED ResSoil09}	1.04	mg/kg	--	<0.198072	<0.194928	--
Aroclor-1016	12674-11-2	3.93 {NMED ResSoil09}	1.04	mg/kg	--	<0.198072	<0.194928	--
Aroclor-1248	12672-29-6	2.22 {NMED ResSoil09}	0.222	mg/kg	--	<0.198072	<0.194928	--
Pesticides/Herbicides								
1,1,1-Trichloro-2,2-bis (P-Methoxyphenyl)-Ethane (Methoxychlor)	72-43-5	310 {EPA ResSoil09}	--	mg/kg	--	<0.147168	<0.144832	--
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethane (DDD)	72-54-8	20.3 {NMED ResSoil09}	6.41	mg/kg	--	<0.00923328	<0.00908672	--
1,1-Dichloro-2,2-bis(4'-chlorophenyl)ethylene (DDE)	72-55-9	14.3 {NMED ResSoil09}	4.52	mg/kg	--	<0.00335664	<0.00330336	--
1,1,1-Trichloro-2,2-bis-(4'-chlorophenyl)ethane (DDT)	50-29-3	17.2 {NMED ResSoil09}	6.53	mg/kg	--	<0.01008	<0.00992	--
Aldrin	309-00-2	0.284 {NMED ResSoil09}	0.0621	mg/kg	--	<0.00335664	<0.00330336	--
1a,2b,3a,4b,5a,6b-Hexachlorocyclohexane	319-84-6	0.772 {NMED ResSoil09}	0.00559	mg/kg	--	<0.00252	<0.00248	--
1,2,3,4,5,6-Hexachlorocyclohexane	319-85-7	2.7 {NMED ResSoil09}	0.0196	mg/kg	--	<0.00504	<0.00496	--
Camphechlor (Toxaphene)	8001-35-2	4.42 {NMED ResSoil09}	0.911	mg/kg	--	<0.2016	<0.1984	--
Chlordane	57-74-9	16.2 {NMED ResSoil09}	2.5	mg/kg	--	<0.0117936	<0.0116064	--
1a,2a,3b,4a,5b,6b-Hexachlorocyclohexane	319-86-8	--	--	mg/kg	--	<0.00756	<0.00744	--
Dieldrin	60-57-1	0.304 {NMED ResSoil09}	0.00675	mg/kg	--	<0.00168336	<0.00165664	--
Endosulfan I	959-98-8	--	--	mg/kg	--	<0.0117936	<0.0116064	--
Endosulfan II	33213-65-9	--	--	mg/kg	--	<0.00335664	<0.00330336	--
Endosulfan Sulfate	1031-07-8	--	--	mg/kg	--	<0.05544	<0.05456	--
Endrin	72-20-8	18.3 {NMED ResSoil09}	1.76	mg/kg	--	<0.00504	<0.00496	--
Endrin Aldehyde	7421-93-4	--	--	mg/kg	--	--	--	--
G-BHC (Lindane)	58-89-9	5.17 {NMED ResSoil09}	0.032	mg/kg	--	<0.00335664	<0.00330336	--
Heptachlor	76-44-8	1.08 {NMED ResSoil09}	0.118	mg/kg	--	<0.00252	<0.00248	--
Heptachlor Epoxide	1024-57-3	0.53 {EPA ResSoil09}	--	mg/kg	--	<0.0697032	<0.0685968	--
Semivolatile Organic Compounds								
1,2,4-Trichlorobenzene	120-82-1	143 {NMED ResSoil09}	0.102	mg/kg	<0.399	<0.414	<0.407	--
1,2-Benzphenanthracene (Chrysene)	218-01-9	621 {NMED ResSoil09}	326	mg/kg	<0.399	<0.414	<0.407	--
1,2-Dichlorobenzene	95-50-1	3,010 {NMED ResSoil09}	3.13	mg/kg	<0.00604	<0.00627	<0.00616	--
1,2-Diphenylhydrazine	122-66-7	6.08 {NMED ResSoil09}	0.0453	mg/kg	<1.93515	<2.0079	<1.97395	--
1,4-Dichlorobenzene	106-46-7	32.2 {NMED ResSoil09}	0.0357	mg/kg	<0.00604	<0.00627	<0.00616	--
1-Chloronaphthalene	90-13-1	--	--	mg/kg	<0.399	<0.414	<0.407	--
2,4,5-Trichlorophenol	95-95-4	6,110 {NMED ResSoil09}	71.3	mg/kg	<0.399	<0.414	<0.407	--
2,4,6-Trichlorophenol	88-06-2	61 {NMED ResSoil09}	0.713	mg/kg	<0.399	<0.414	<0.407	--
2,4-Dichlorophenol	120-83-2	183 {NMED ResSoil09}	1.37	mg/kg	<0.399	<0.414	<0.407	--
2,4-Dimethylphenol	105-67-9	1,220 {NMED ResSoil09}	9.12	mg/kg	<0.399	<0.414	<0.407	--
2,4-Dinitrophenol	51-28-5	122 {NMED ResSoil09}	0.525	mg/kg	<1.93515	<2.0079	<1.97395	--
2,4-Dinitrotoluene	121-14-2	15.7 {NMED ResSoil09}	0.0156	mg/kg	<0.399	<0.414	<0.407	--
2,6-Dinitrotoluene	606-20-2	61.2 {NMED ResSoil09}	0.267	mg/kg	<0.399	<0.414	<0.407	--
2-Chloronaphthalene (b-)	91-58-7	6,260 {NMED ResSoil09}	135	mg/kg	<0.399	<0.414	<0.407	--
2-Chlorophenol	95-57-8	391 {NMED ResSoil09}	1.53	mg/kg	<0.399	<0.414	<0.407	--
2-Methyl-4,6-Dinitrophenol (4,6-Dinitro-o-cresol)	534-52-1	6.11 {NMED ResSoil09}	0.0393	mg/kg	<1.93515	<2.0079	<1.97395	--

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-08 9 12/02/93	SWMU 38-39 SB-08 14 12/02/93	SWMU 38-39 SB-08 19 12/02/93	3839HA01 0 01/07/94
2-Methylnaphthalene	91-57-6	310 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
2-Methylphenol (o-cresol)	95-48-7	3,100 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
2-Nitroaniline	88-74-4	--	--	mg/kg	<1.93515	<2.0079	<1.97395	--
2-Nitrophenol	88-75-5	--	--	mg/kg	<0.399	<0.414	<0.407	--
3,3-Dichlorobenzidine	91-94-1	10.8 {NMED ResSoil09}	0.17	mg/kg	<0.399	<0.414	<0.407	--
3,5,5-Trimethyl-2-Cyclohexene-1-One (Isophorone)	78-59-1	5,120 {NMED ResSoil09}	1.85	mg/kg	<0.399	<0.414	<0.407	--
3-Nitroaniline	99-09-2	--	--	mg/kg	<1.93515	<2.0079	<1.97395	--
4-Bromophenyl Phenyl Ether	101-55-3	--	--	mg/kg	<0.399	<0.414	<0.407	--
4-Chloro-3-Methylphenol	59-50-7	--	--	mg/kg	<0.399	<0.414	<0.407	--
4-Chlorophenyl Phenyl Ether	7005-72-3	--	--	mg/kg	<0.399	<0.414	<0.407	--
4-Methyl Phenol (p-cresol)	106-44-5	310 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
4-Nitrophenol	100-02-7	--	--	mg/kg	<1.93515	<2.0079	<1.97395	--
Acenaphthene	83-32-9	3,440 {NMED ResSoil09}	205	mg/kg	<0.399	<0.414	<0.407	--
Acenaphthylene	208-96-8	--	--	mg/kg	<0.399	<0.414	<0.407	--
Anthracene	120-12-7	17,200 {NMED ResSoil09}	3,370	mg/kg	<0.399	<0.414	<0.407	--
Benzidine	92-87-5	0.0211 {NMED ResSoil09}	0.000125	mg/kg	<1.93515	<2.0079	<1.97395	--
Benzo(a)Anthracene	56-55-3	6.21 {NMED ResSoil09}	3.2	mg/kg	<0.399	<0.414	<0.407	--
Benzo(a)Pyrene	50-32-8	0.621 {NMED ResSoil09}	1.09	mg/kg	<0.399	<0.414	<0.407	--
Benzo(b)Fluoranthene	205-99-2	6.21 {NMED ResSoil09}	11.1	mg/kg	<0.399	<0.414	<0.407	--
Benzo(g,h,i)Perylene	191-24-2	--	--	mg/kg	<0.399	<0.414	<0.407	--
Benzo(k)Fluoranthene	207-08-9	62.1 {NMED ResSoil09}	109	mg/kg	<0.399	<0.414	<0.407	--
Benzoic Acid	65-85-0	240,000 {EPA ResSoil09}	--	mg/kg	<1.93515	<2.0079	<1.97395	--
Benzyl Alcohol	100-51-6	6,100 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
Benzyl Butyl Phthalate (Butyl Benzyl Phthalate)	85-68-7	2,600 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
Bis (2-Chloroethoxy) Methane	111-91-1	180 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
Bis(2-Chloroethyl) Ether	111-44-4	2.56 {NMED ResSoil09}	0.000233	mg/kg	<0.399	<0.414	<0.407	--
Bis(2-Chloroisopropyl)Ether	39638-32-9	--	0.0256	mg/kg	<0.399	<0.414	<0.407	--
Bis(2-Ethylhexyl)Phthalate (Di[2-ethylhexyl] phthalate)	117-81-7	347 {NMED ResSoil09}	119	mg/kg	<0.399	<0.414	<0.407	--
Dibenz(a,h)Anthracene	53-70-3	0.621 {NMED ResSoil09}	3.62	mg/kg	<0.399	<0.414	<0.407	--
Dibenzofuran	132-64-9	--	--	mg/kg	<0.399	<0.414	<0.407	--
Diethyl Phthalate	84-66-2	48,900 {NMED ResSoil09}	106	mg/kg	<0.399	<0.414	<0.407	--
Dimethyl Phthalate	131-11-3	611,000 {NMED ResSoil09}	836	mg/kg	<0.399	<0.414	<0.407	--
Di-n-Butyl Phthalate	84-74-2	6,110 {NMED ResSoil09}	86.3	mg/kg	<0.399	<0.414	<0.407	--
Di-n-Octyl Phthalate	117-84-0	--	--	mg/kg	<0.399	<0.414	<0.407	--
Diphenylamine	122-39-4	1,500 {EPA ResSoil09}	--	mg/kg	<1.206975	<1.25235	<1.231175	--
Fluoranthene	206-44-0	2,290 {NMED ResSoil09}	1,550	mg/kg	<0.399	<0.414	<0.407	--
Fluorene	86-73-7	2,290 {NMED ResSoil09}	250	mg/kg	<0.399	<0.414	<0.407	--
Hexachloro-1,3-Butadiene	87-68-3	61.1 {NMED ResSoil09}	0.147	mg/kg	<0.399	<0.414	<0.407	--
Hexachlorobenzene	118-74-1	3.04 {NMED ResSoil09}	0.0221	mg/kg	<0.399	<0.414	<0.407	--
Hexachlorocyclopentadiene	77-47-4	367 {NMED ResSoil09}	6.13	mg/kg	<0.399	<0.414	<0.407	--
Hexachloroethane	67-72-1	61.1 {NMED ResSoil09}	0.193	mg/kg	<0.399	<0.414	<0.407	--
Indeno(1,2,3-cd)Pyrene	193-39-5	6.21 {NMED ResSoil09}	37	mg/kg	<0.399	<0.414	<0.407	--
m-Dichlorobenzene	541-73-1	--	--	mg/kg	<0.00604	<0.00627	<0.00616	--
Methanamine, N-Methyl-N-Nitroso	62-75-9	0.954 {NMED ResSoil09}	0.0000304	mg/kg	--	--	--	--
Naphthalene	91-20-3	45 {NMED ResSoil09}	0.0419	mg/kg	<0.399	<0.414	<0.407	--
Nitrobenzene	98-95-3	49.4 {NMED ResSoil09}	0.0686	mg/kg	<0.399	<0.414	<0.407	--
N-Nitrosodi-N-Propylamine	621-64-7	0.69 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
N-Nitrosodiphenylamine	86-30-6	993 {NMED ResSoil09}	12.9	mg/kg	<0.399	<0.414	<0.407	--
p-Chloroaniline	106-47-8	24 {EPA ResSoil09}	--	mg/kg	<0.399	<0.414	<0.407	--
Pentachlorophenol	87-86-5	29.8 {NMED ResSoil09}	0.294	mg/kg	<1.93515	<2.0079	<1.97395	--
Phenanthrene	85-01-8	1,830 {NMED ResSoil09}	834	mg/kg	<0.399	<0.414	<0.407	--
Phenol	108-95-2	18,300 {NMED ResSoil09}	63	mg/kg	<0.399	<0.414	<0.407	--
p-Nitroaniline	100-01-6	240 {EPA ResSoil09}	--	mg/kg	<1.93515	<2.0079	<1.97395	--
Pyrene	129-00-0	1,720 {NMED ResSoil09}	1,120	mg/kg	<0.399	<0.414	<0.407	--

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39

Location ID: Sample Depth (ft): Date Collected:	CAS	Soil Screening Level for Residential Soil	DAF 10	Units	SWMU 38-39 SB-08 9 12/02/93	SWMU 38-39 SB-08 14 12/02/93	SWMU 38-39 SB-08 19 12/02/93	3839HA01 0 01/07/94
TPHs								
Total Petroleum Hydrocarbons	TPH	--	--	mg/kg	<36.20925	<37.5705	<36.93525	--
Volatile Organic Compounds								
1,1,1-Trichloroethane	71-55-6	21,800 {NMED ResSoil09}	29.8	mg/kg	<0.00604	<0.00627	<0.00616	--
1,1,2,2-Tetrachloroethane	79-34-5	7.98 {NMED ResSoil09}	0.00225	mg/kg	<0.00604	<0.00627	<0.00616	--
1,1,2-Trichloroethane	79-00-5	17.2 {NMED ResSoil09}	0.00674	mg/kg	<0.00604	<0.00627	<0.00616	--
1,1-Dichloroethane	75-34-3	62.9 {NMED ResSoil09}	0.0609	mg/kg	<0.00604	<0.00627	<0.00616	--
1,1-Dichloroethylene	75-35-4	618 {NMED ResSoil09}	1.19	mg/kg	<0.00604	<0.00627	<0.00616	--
1,2,3-Trichloropropane	96-18-4	0.915 {NMED ResSoil09}	0.000356	mg/kg	<0.00604	<0.00627	<0.00616	--
1,2-Dichloroethane	107-06-2	7.74 {NMED ResSoil09}	0.00365	mg/kg	<0.00604	<0.00627	<0.00616	--
1,2-Dichloropropane	78-87-5	14.7 {NMED ResSoil09}	0.0111	mg/kg	<0.00604	<0.00627	<0.00616	--
1,4 Dichloro-2-Butene	764-41-0	0.046 {NMED ResSoil09}	0.0000817	mg/kg	<0.01208	<0.01254	<0.01232	--
2-Butanone	78-93-3	39,600 {NMED ResSoil09}	12.7	mg/kg	<0.02416	<0.02508	<0.02464	--
2-Chloroethyl Vinyl Ether	110-75-8	--	--	mg/kg	<0.01208	<0.01254	<0.01232	--
4-Methyl-2-Pantanone(MIBK)	108-10-1	5,950 {NMED ResSoil09}	3.79	mg/kg	<0.02416	<0.02508	<0.02464	--
Acetaldehyde	75-07-0	280 {NMED ResSoil09}	0.033	mg/kg	--	<0.0193032	<0.0189968	--
Acetone	67-64-1	67,500 {NMED ResSoil09}	38.4	mg/kg	<0.02416	<0.02508	<0.02464	--
Acrolein	107-02-8	0.646 {NMED ResSoil09}	0.0000741	mg/kg	<0.00604	<0.00627	<0.00616	--
Acrylonitrile	107-13-1	5.97 {NMED ResSoil09}	0.000819	mg/kg	<0.01208	<0.01254	<0.01232	--
Benzene	71-43-2	15.5 {NMED ResSoil09}	0.0185	mg/kg	<0.00604	<0.00627	<0.00616	--
Bromodichloromethane	75-27-4	5.25 {NMED ResSoil09}	0.00276	mg/kg	<0.00604	<0.00627	<0.00616	--
Bromomethane	74-83-9	22.3 {NMED ResSoil09}	0.0194	mg/kg	<0.01208	<0.01254	<0.01232	--
Carbon Disulfide	75-15-0	1,940 {NMED ResSoil09}	2.52	mg/kg	<0.00604	<0.00627	<0.00616	--
Carbon Tetrachloride	56-23-5	4.38 {NMED ResSoil09}	0.00739	mg/kg	<0.00604	<0.00627	<0.00616	--
CFC-11 (Trichlorofluoromethane)	75-69-4	2,010 {NMED ResSoil09}	9.01	mg/kg	<0.01208	<0.01254	<0.01232	--
CFC-12 (Dichlorodifluoromethane)	75-71-8	481 {NMED ResSoil09}	7.23	mg/kg	--	--	--	--
Chlorobenzene	108-90-7	508 {NMED ResSoil09}	0.538	mg/kg	<0.00604	<0.00627	<0.00616	--
Chlorodibromomethane (Dibromochloromethane)	124-48-1	11.9 {NMED ResSoil09}	0.00338	mg/kg	<0.00604	<0.00627	<0.00616	--
Chloroethane (Ethylchloride)	75-00-3	43,600 {NMED ResSoil09}	54.2	mg/kg	<0.01208	<0.01254	<0.01232	--
Chloroform	67-66-3	5.72 {NMED ResSoil09}	0.00468	mg/kg	<0.00604	<0.00627	<0.00616	--
Chloromethane	74-87-3	35.6 {NMED ResSoil09}	0.0418	mg/kg	<0.01208	<0.01254	<0.01232	--
cis-1,2-Dichloroethene	156-59-2	782 {NMED ResSoil09}	0.943	mg/kg	<0.00604	<0.00627	<0.00616	--
cis-1,3-Dichloropropene	10061-01-5	--	--	mg/kg	<0.00604	<0.00627	<0.00616	--
Dibromomethane (Methylene Dibromide)	74-95-3	782 {NMED ResSoil09}	0.777	mg/kg	<0.00604	<0.00627	<0.00616	--
Dichloromethane (Methylene Chloride)	75-09-2	199 {NMED ResSoil09}	0.107	mg/kg	<0.00604	<0.00627	<0.00616	--
Ethanol	64-17-5	--	--	mg/kg	--	--	--	--
Ethyl Methacrylate	97-63-2	7,040 {NMED ResSoil09}	6.7	mg/kg	<0.00604	<0.00627	<0.00616	--
Ethylbenzene	100-41-4	69.7 {NMED ResSoil09}	0.146	mg/kg	<0.00604	<0.00627	<0.00616	--
Iodomethane	74-88-4	--	--	mg/kg	<0.01208	<0.01254	<0.01232	--
Methyl N-Butyl Ketone	591-78-6	--	--	mg/kg	<0.02416	<0.02508	<0.02464	--
Methylbenzene (Toluene)	108-88-3	5,570 {NMED ResSoil09}	13.8	mg/kg	<0.00604	<0.00627	<0.00616	--
Styrene (Monomer)	100-42-5	8,970 {NMED ResSoil09}	15.6	mg/kg	<0.00604	<0.00627	<0.00616	--
Tetrachloroethene	127-18-4	6.99 {NMED ResSoil09}	0.00449	mg/kg	<0.00604	<0.00627	<0.00616	--
Trans-1,2-Dichloroethene	156-60-5	273 {NMED ResSoil09}	0.301	mg/kg	<0.00604	<0.00627	<0.00616	--
Trans-1,3-Dichloropropene	10061-02-6	--	--	mg/kg	<0.00604	<0.00627	<0.00616	--
Tribromomethane (Bromoform)	75-25-2	616 {NMED ResSoil09}	6.04	mg/kg	<0.00604	<0.00627	<0.00616	--
Trichloroethylene	79-01-6	45.7 {NMED ResSoil09}	0.053	mg/kg	<0.00604	<0.00627	<0.00616	--
Vinyl Acetate	108-05-4	3,650 {NMED ResSoil09}	0.763	mg/kg	<0.02416	<0.02508	<0.02464	--
Vinyl Chloride	75-01-4	0.865 {NMED ResSoil09}	0.00288	mg/kg	<0.01208	<0.01254	<0.01232	--
Xylenes (total xylenes)	1330-20-7	1,090 {NMED ResSoil09}	1.76	mg/kg	<0.00604	<0.00627	<0.00616	--

Table 6-10
Summary of Soil Sample Analytical Results
SWMUs 38 and 39
Notes

Lab Qualifiers	Definition
U	Constituent was not detected at the sample quantitation limit shown.
UJ	Estimated value below detection limit.
Analyte Abbreviation	Full Name
>C10-C28	Diesel Range Organics (>C10-C28) in the carbon 10 (C10) to carbon 28 (C28) range.
Acronym/Note	Description
All	All data reported before 2009 were collected by others and the data were provided to ARCADIS by White Sands Missile Range.
--	The sample was not tested for this constituent and/or no data were available.
U	Laboratory report flag indicating that the constituent was not detected at the sample quantitation limit shown.
1.7	Yellow highlight indicates that the reported result exceeds the published SSLs. If the result is preceded by "<", the constituent was not detected, but the reported sample quantitation limit exceeds the SSL.
<i>1.9</i>	Italics indicates that the reported result exceeds the NMED DAF 20 screening value. If the result is preceded by "<", constituent was not detected, but the reported sample quantitation limit exceeds the DAF 20 value.
[<0.005]	Brackets indicate that the result shown is from a duplicate field sample.
CAS	Chemical Abstract Service.
DAF 20	NMED Dilution Attenuation Factor from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009. DAF 20 indicates a Dilution Attenuation Factor of 20 was used.
EPA	United States Environmental Protection Agency.
EPA ResSoil09	USEPA Residential Screening Level from <i>USEPA Regional Screening Levels</i> (http://www.epa.gov/reg3hwmd/risk/human/rb-concentration_table/index.htm). 2009.
mg/kg	Milligram per kilogram.
NMED	New Mexico Environment Department.
NMED ResSoil09	NMED Residential Soil Screening Level from Table A-1, December 2009 Update to Technical Background Document for Development of Soil Screening Levels, Revision 5.0. NMED Hazardous Waste Bureau and Ground Water Quality Bureau, Voluntary Remediation Program. August 2009.
SSL	Soil Screening Level